

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



CONTINUAL ASSESSMENT 2012 PRIMARY 3 SCIENCE

Total Time: 1 h

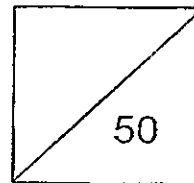
INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 3. _____

Date: 1st March 2012

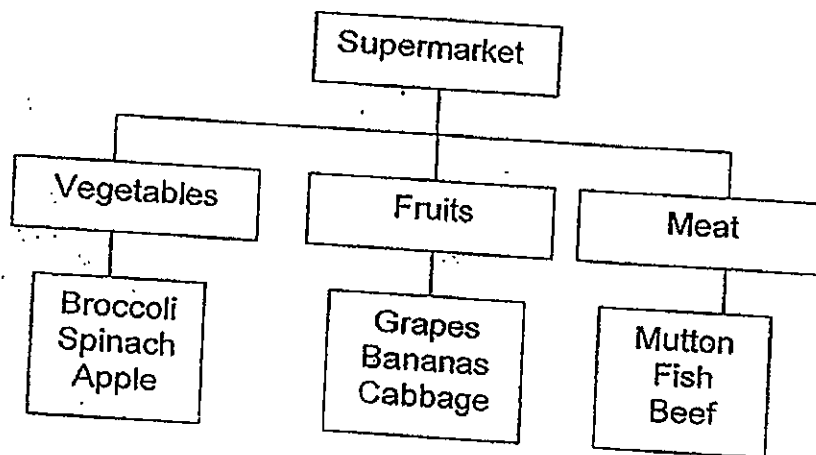


This booklet consists of 13 printed pages including this page.

SECTION A : 30 marks

For each question from 1 to 15, four options are given, one of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

- 1 Which of the following is not a characteristics of all living things?
- (1) They can grow.
 - (2) They can reproduce.
 - (3) They can make their own food.
 - (4) They respond to changes in the environment.
- 2 Tom bought some hamsters.
The number of hamsters increased after some time.
Which of the following explains why there was an increase in the number of hamsters?
- (1) Living things can grow.
 - (2) Living things can reproduce.
 - (3) Living things need air, food and water.
 - (4) Living things can respond to changes in the environment.
- 3 The diagram below shows the diversity of things Sarah found in a supermarket.

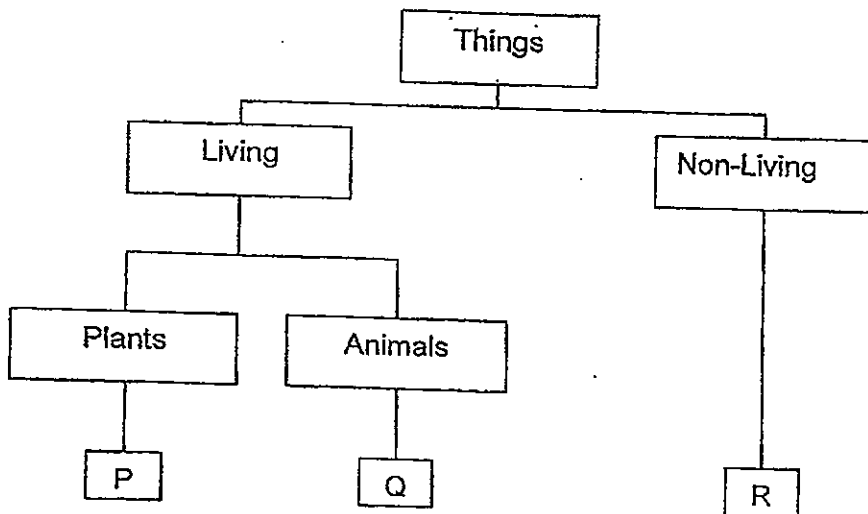


Which two things have been grouped wrongly?

- (1) Apple and Fish
- (2) Cabbage and Beef
- (3) Apple and Cabbage
- (4) Spinach and Cabbage

(Go on to the next page)

4 Study the classification chart below.



Which of the following correctly represents P, Q and R?

	P	Q	R
(1)	Fern	Fish	Fence
(2)	Grass	Giraffe	Gorilla
(3)	Caterpillar	Woodpecker	Table
(4)	Pong-pong tree	Pond	Pencil

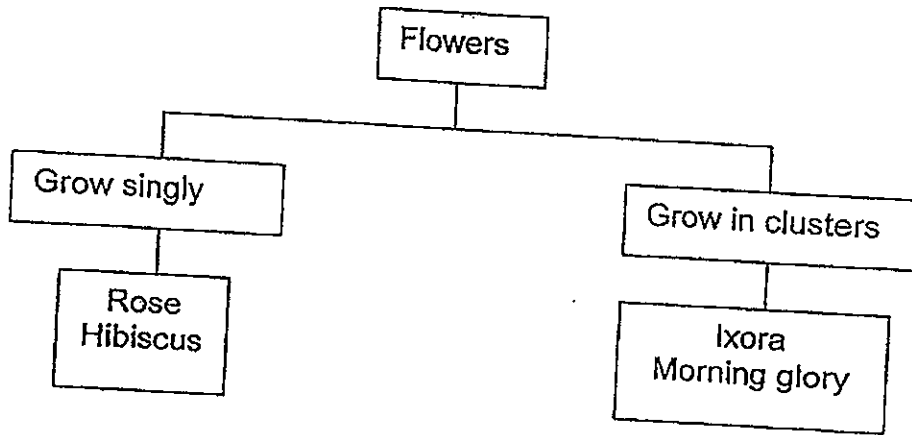
5 Study the table below.

Which pair of things has been classified incorrectly?

	Living Things	Non-Living Things
(1)	Rain tree	Ice
(2)	Silverfish	Television
(3)	Bird's-nest fern	Book
(4)	Volcano	Pen

(Go on to the next page)

6 Which of the following in the classification chart is wrongly grouped?



- (1) Rose
- (2) Hibiscus
- (3) Ixora
- (4) Morning glory

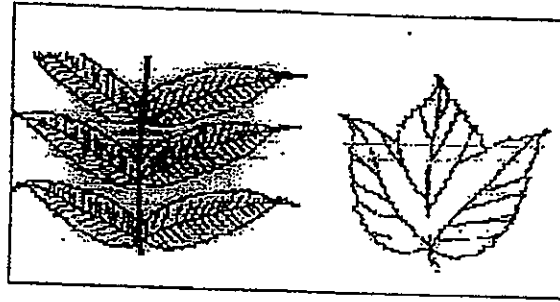
7 The plants below are divided into two groups.

Group A	Group B
Hibiscus plant	Mango tree
Pong-pong tree	Pomegranate plant
Bougainvillea plant	Watermelon plant

Which of the following best describes the two groups?

	Group A	Group B
(1)	Flowering plants	Non-flowering plants
(2)	Water plants	Land plants
(3)	Produce seeds	Do not produce seeds
(4)	Do not have edible fruits	Have edible fruits

8 Look at the leaves shown here.



Which of the leaves shown below are more likely to be classified as the two leaves above?



X



Y



Z

- (1) X only
- (2) X and Y only
- (3) X and Z only
- (4) X, Y and Z

9 Animals reproduce to _____

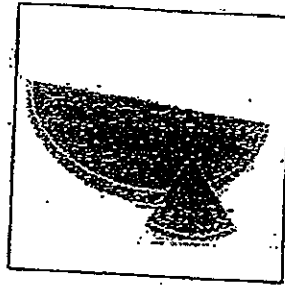
- (1) grow bigger in size.
- (2) ensure continuity of their kind.
- (3) respond to changes in their environment.
- (4) increase the number of living things on the Earth.

10 Which of the following body parts allows a fish to breathe underwater?

- (1) fins • •
- (2) gills • •
- (3) scales • •
- (4) tails • •

(Go on to the next page)

11

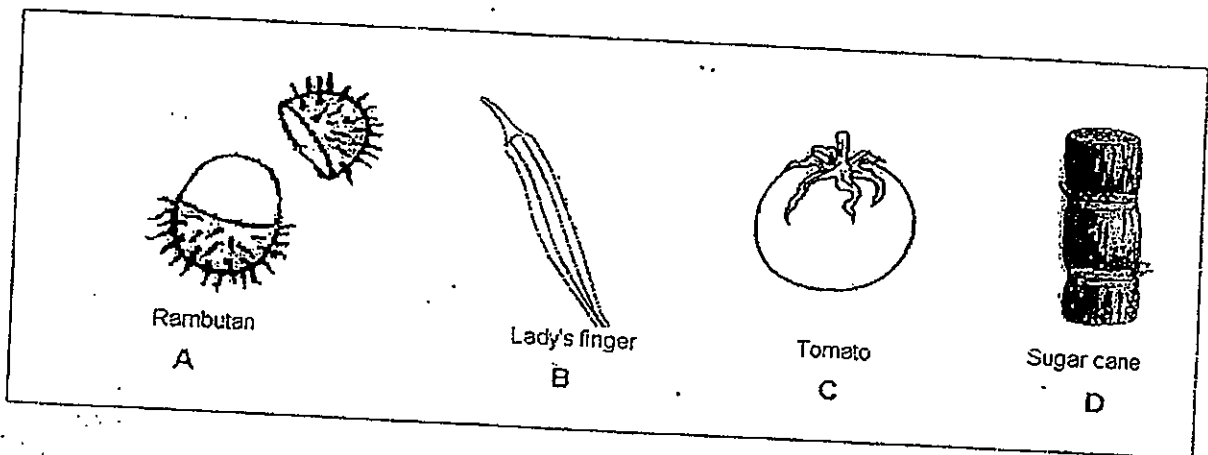


A cross-section of the watermelon is shown above. By looking at the diagram, I can say that the watermelon

- A : is sweet
- B : is red in colour
- C: has many seeds

- (1) A only
- (2) C only
- (3) A and B only
- (4) A, B and C

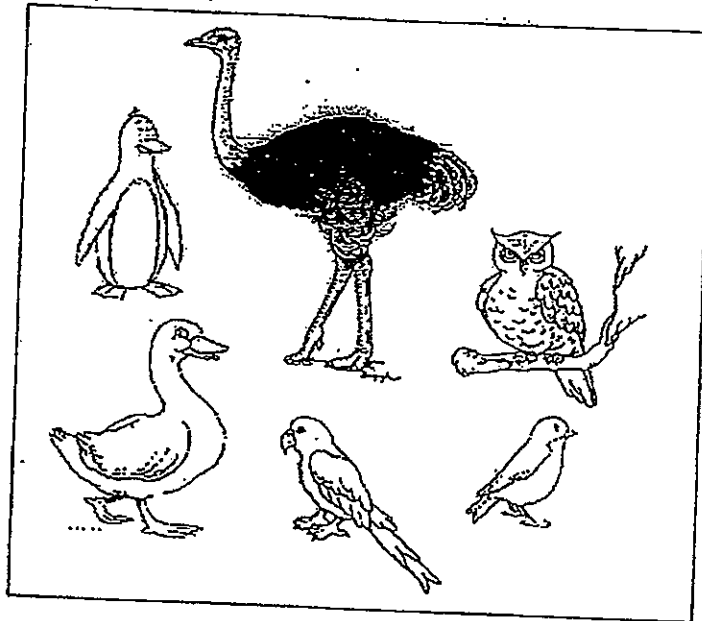
12 Which of the following are the fruits of plants?



- (1) A only
- (2) A and C only
- (3) A, B and C only
- (4) All of the above

(Go on to the next page)

13. Some birds are shown below.



What characteristics do all birds have?

- A : They can fly.
- B : They have feathers.
- C : They have a beak each.
- D : They have webbed feet.

- (1) A and B only
- (2) B and C only
- (3) C and D only
- (4) A and D only

14.

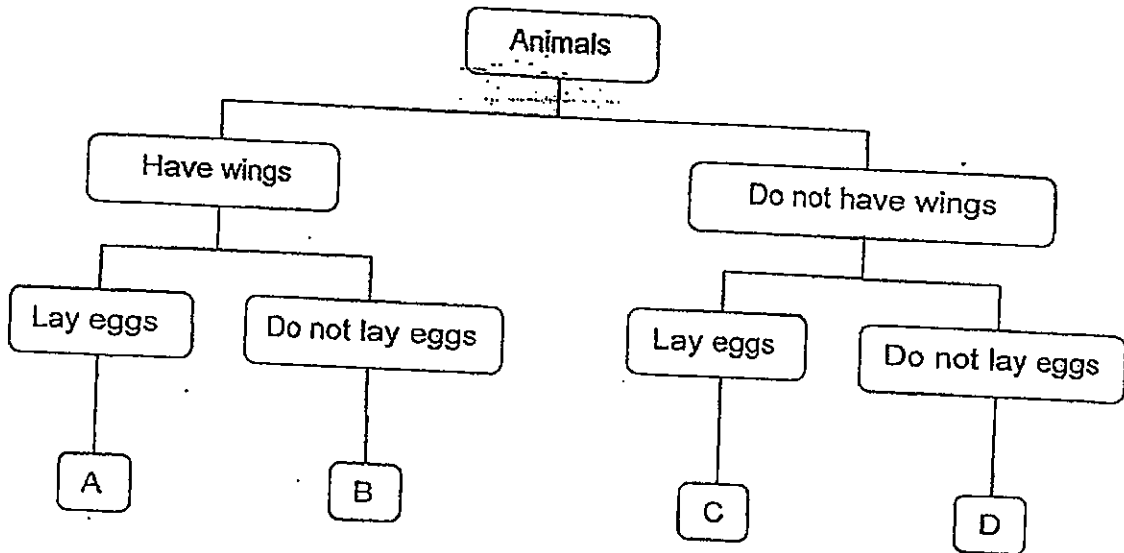


Based on the picture above, which of these statements is a conclusion and not an observation?

- (1) The animal has hair.
- (2) The animal has a tail.
- (3) The animal has four legs.
- (4) The animal is a mammal.

(Go on to the next page)

15. The chart below shows the classification of some animals.



Identify A, B, C and D in the above classification chart.

	A	B	C	D
(1)	Butterfly	Bat	Salmon	Whale
(2)	Pelican	Mynah	Snail	Rabbit
(3)	Ostrich	Parrot	Guppy	Frog
(4)	Sparrow	Ladybird	Swordtail	Molly

(Go on to the next page)

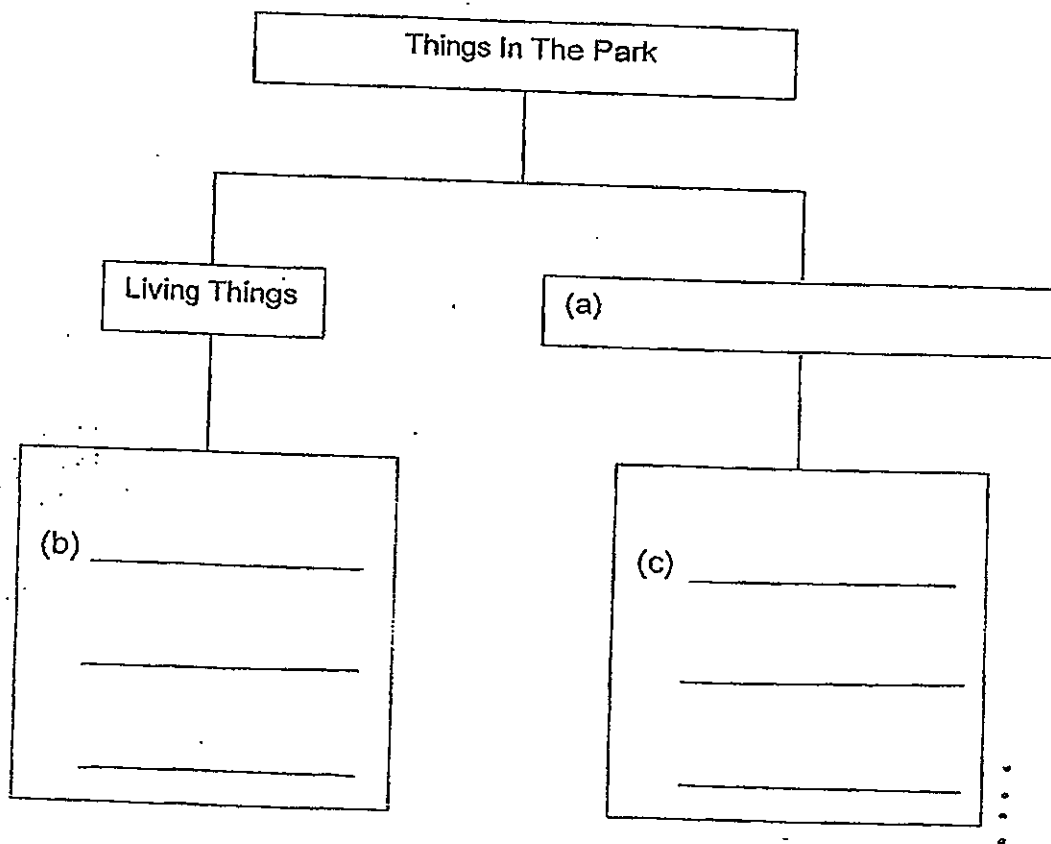
SECTION B : 20 marks

For questions 16 – 23, write your answers in the spaces provided. The number of marks available is shown in brackets () at the end of each question or part question.

- 16 Raju saw the following things at the park.

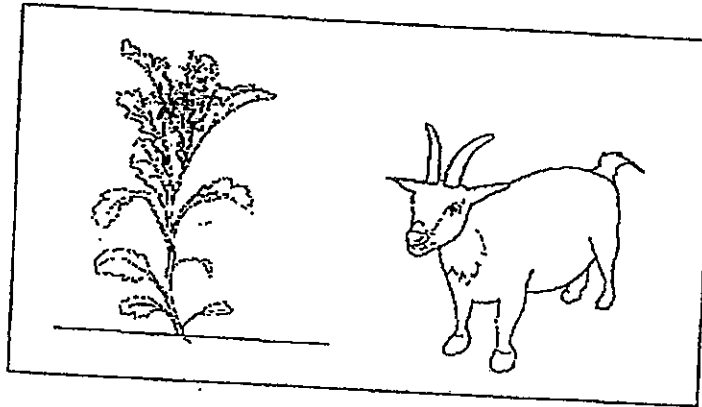
trees	benches	fish	pond	birds
-------	---------	------	------	-------

Classify all the things in the given box by completing the classification chart below. (3m)



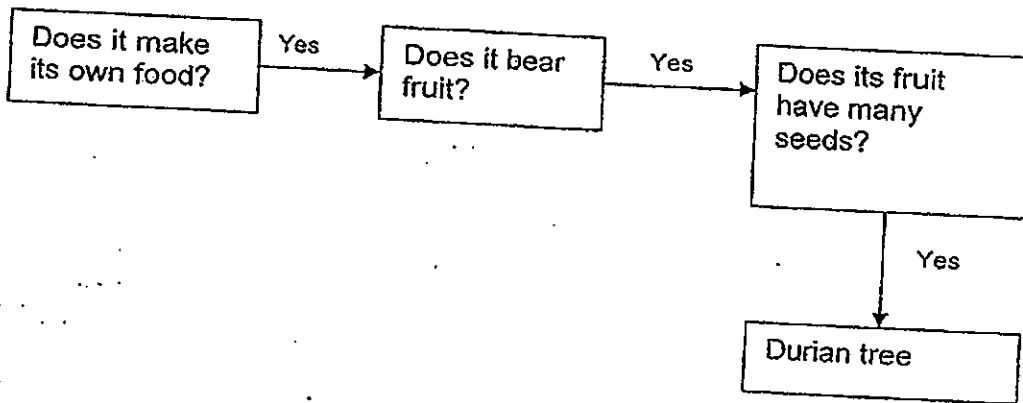
(Go on to the next page)

17 The picture below shows an example of a plant and an animal.



State one difference between plants and animals (2m)

18 John observed a durian tree and described it in the flowchart below.



What can you conclude from the flowchart above about the durian tree? (3m)

The durian tree

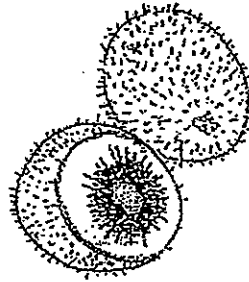
(Go on to the next page)

19 Look at the picture below.

Fruit A



Fruit B



By looking at the picture, state one similarity and one difference between Fruit A and Fruit B. (2m)

Similarity : _____

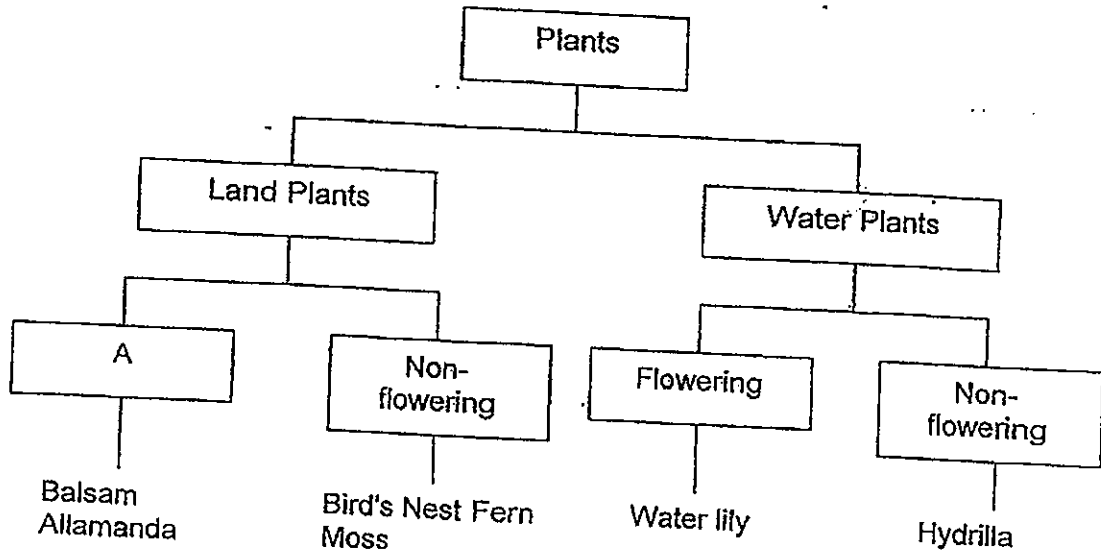
Difference : _____

•
•
•

•
•
•

(Go on to the next page)

20 Study the classification chart below.



a) Based on the chart above, in what way is the Allamanda and the Bird's nest fern similar? (2m)

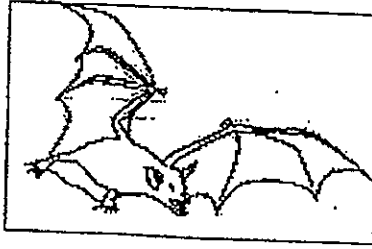
b) Suggest an appropriate sub-heading for A. (1m)

21 Four statements about animals are given below. Write 'T' for a True statement and 'F' for a False statement. (2m)

	Statement	T/F
a)	Mammals feed their young with milk.	
b)	Birds have feathers to keep them warm.	
c)	Fish use gills to move and swim in water.	
d)	Insects have two main body parts and a pair of antennae.	

(Go on to the next page)

22. Look at the diagram of a bat below.



a) Which group of animals does the bat belong to? (1m)

b) State two characteristics of this group of animals (2m)

(i) _____

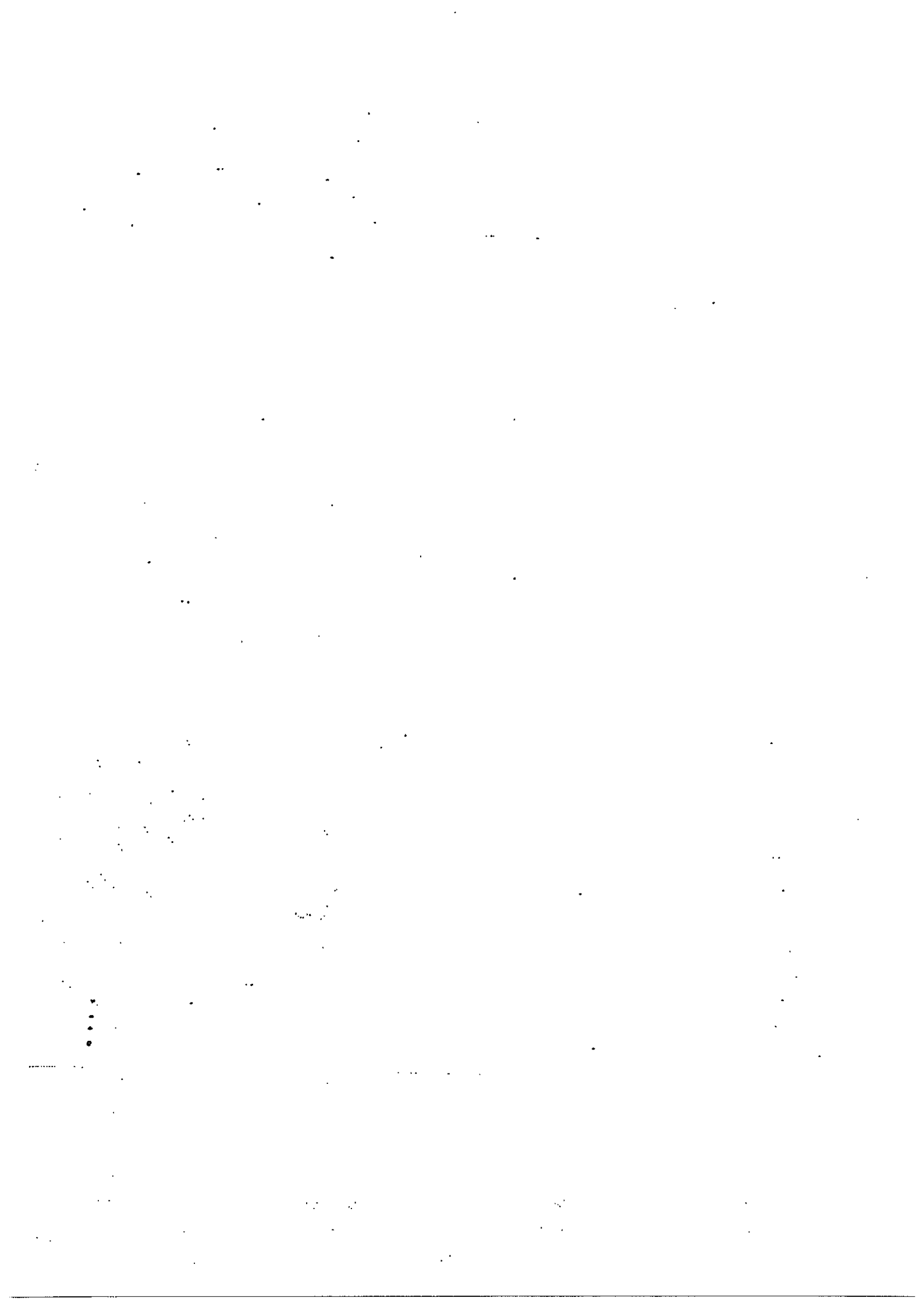
(ii) _____

23 Dinosaurs became extinct long, long ago. We can no longer find them alive on Earth. Give two reasons that may have caused their extinction. (2m)

(i) _____

(ii) _____

End-of-paper



ANSWER SHEET

EXAM PAPER 2012

SCHOOL : MGS
SUBJECT : PRIMARY 3 SCIENCE

TERM : CA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
3	2	3	1	4	4	4	3	2	2	2	3	2	4	1

- 16)a)non-living-things
b)trees, fish, birds
c)benches, pond

17)A animal cannot make their own food but a plant does.

18)The durian tree makes its own food, bears fruit and it's fruit has many seeds.

19)Similarity: They both have seeds.

Difference: Fruit a has a big seed but Fruit B has small seeds.

20)a)They both are land plants.

b)Flowering plants.

21)a)T b)T c)F d)F

22)a)The Bat belongs to mammals.

b)i)They give birth to young alive.

ii)They have hair as their outer covering.

23)i)There might have been an meteorites.

ii)There were no more food for them.

